

Sl.No	Product Group	Application Techniques	Temperature /Condition Recommendations	Recommended areas
1	Conventional Castables (Medium Purity Group)	Hand Casting, Patching and vibration	1300 Deg C Max  Non Metal contact areas, Flue gas transfer	Flue gas Ducts Cyclone areas
2	Conventional Castables (High Purity Group)	Hand casting, patching and Vibration	Typical Range : 1300-1700 Deg C Maintenance of Metal contact areas	Ladle maintenance, General Maintenance in Cement Kilns
3	Rodding Castables (Medium Cement Medium Purity Group)	Rodding/ Vibration	Typical Range: 1000-1300 Deg C  Abrasion areas Thermal Shock areas	Maintenance Lining in Rotary equipment. Cement and DRI Kilns CFBC Boilers
4	Rodding Castables (Medium Cement High Purity Group)	Rodding/ Vibration	Typical Range: 1300-1700 Deg C  Abrasion areas Thermal Shock areas Corrosion areas	Maintenance lining in Metal contact areas.
5	Low Cement Castables	Vibration	Typical Range 1000-1700 Deg C Abrasion areas High Strength areas	Original Equipment Lining. Cement and DRI Kilns CFBC Boilers

6	Insulation Castables (Medium Purity Group)	Pouring/ Vibration	Max 1100 Deg C  Lower Thermal Conductivity	Back up lining for Gas Ducts Furnaces and Kilns
7	Insulation Castables (High Purity Group)	Vibration	Typical Range: 800 -1400 Deg C  Lower Thermal Conductivity Higher chemical resistance	Working lining in Coke Oven Doors Radiant section of Heaters and reformers
8	Gunning Castables	Gunning	Typical Range: 800-1400 Deg C  Fast Job No form work Significant rebound loss	Maintenance repair of Non Critical areas in Single equipment Kilns Rotary Kilns
9	Shotcreting/ Pump able Castables	Shotcreting /Pumping	Typical Range: 800-1700 Deg C  Fast Job No dust during Shotcreting. Equivalent strength to LCC	Maintenance and repair of Critical areas in CFBC Boiler.
10	No Cement Gel Bonded Castable	Self Flow/ Vibration	Typical Range: 1300-1800 Deg C  Thermal Shock resistance Metal Contact areas Corrosion resistance	Burner Blocks, Kiln Car Blocks Large Blocks Ladle Bottom Precast blocks